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For: 2^n-1 SHUFFLING NETWORK

ABSTRACT OF DISCLOSURE

- 5 A 2^n-1 shuffling network includes a shuffle exchange network for receiving 2^n-1 data inputs and a dummy input and providing 2^n outputs; a replacement set of 2^n-1 data switches for receiving 2^n-1 outputs from the shuffle exchange network; and a selection circuit for actuating selective ones of the 2^n-1 data switches in the replacement set to replace one of the 2^n-1 outputs of the shuffle exchange network with a 2^{nth} output of the shuffle exchange network.

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